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DESIGNATED/ELECTED OFFICE (DO/EO/US) CNOCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNING APPLICATION NO. INTERNATIONAL FILING DATE DATE DATE DATE DATE DATE DATE DATE	TRA	NSMITTAL LETTER TO	THE UNITED STATES	5	ATTTORNEY'S DOCKET NUMBER					
INTERRATIONAL APPLICATIONNO. PCT / EPO 3 / 50 23 23 21 July 2003 (21.07.0] 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2003 (21.07.0] 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 23 24 July 2002 (24.07.02) PCT / EPO 3 / 50 25 24 July 2002 (24.07.02) PCT / EPO	D	ESIGNATED/ELECTED	OFFICE (DO/EO/US)			P 15)				
PCT/EP03/50323 21July2003(21.07.0B) 24July2002(24.07.02) TRLE of INVERTION OXIDE CATHODE FOR ELECTRON GUN WITH A DIFFERENTIALLY DOPED METALLIC SUBSTRATE SUBSTRATE SUBSTRATE Donald John Wierschke Applicant herewith submits to the United States Designated/Elected Office (PO/EO/US) the following items and other information:		<u> </u>			10/522115	K 1.5)				
TITLE OF INVENTION OXIDE CATHODE FOR ELECTRON GUN WITH A DIFFERENTIALLY DOPPED METALLIC SUBSTRATE APPLICANT(S) FOR DOPCOUS Jean-Michel Roquais; Donald John Wierschke Applicant herewith submission of thems concerning a submission under 35 U.S.C. 371. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is a express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (6), (6), (6) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Application under 85 U.S.C. 371(c)(2)). a. is satisched hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made, however, the time timit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 10. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 11. An Application Disclosure Statement under 37 CFR 1.57 and 1.98., Search Report and References 12. An asthorder document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. An Application Data Sheet under 37 CFR 1.76. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form	PCT/F	EP03/50323	21July2003(21.0	07.0		2)				
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USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the complete form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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21. The following	ng fees are submitted:		PCT/EP03/50	1323)	PF020093				
	itional fee	\$ 300.00								
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c) Search f	ee				\$500.00	\$ 500.00				
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b. X Please charge my Deposit Account No. 07-083 A the amount of \$ 1000.00 to cover the above fees.  A duplicate copy of this sheet is enclosed.										
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	an appropriate time lime restore the internation		CFR 1.495 has not been me	et, a pe	etition to reviv	e (37 CFR 1.137(a) or (b))	must be filed			
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